



**Ebbw Vale Urban District Council**

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# **REPORTS**

*of the*

**MEDICAL OFFICER OF HEALTH**

*and*

**CHIEF PUBLIC HEALTH INSPECTOR**

*for the Year 1966*







**Ebbw Vale Urban District Council**

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# **REPORTS**

*of the*

**MEDICAL OFFICER OF HEALTH**

*and*

**CHIEF PUBLIC HEALTH INSPECTOR**

*for the Year 1966*

Public Health Department,  
Municipal Offices,  
Civic Centre,  
EBBW VALE, Mon.

Telephone: Ebbw Vale 3401

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# **EBBW VALE URBAN DISTRICT COUNCIL**

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Chairman of the Council - Councillor D. R. Evans, J.P.

Vice-Chairman - Councillor J. E. Thomas

## **Members of the Council:**

Councillor D. W. H. Bennett, J.P., B.E.M.

Councillor A. J. Bull

Councillor R. Davies, B.A.

Councillor F. E. Bird

Councillor S. Gale

Councillor Mrs B. Goldsworthy

Councillor W. D. R. Herbert

Councillor C. Jenkins

Councillor E. Luff

Councillor N. J. Morgan

Councillor R. F. Morgan

Councillor C. W. Norton

Councillor A. J. Rees

Councillor J. M. Ricketts

Councillor D. J. Thomas

Councillor C. C. Weston

Councillor E. L. Williams

Councillor W. J. R. Williams

Councillor E. G. Winterson

## **Clerk of the Council:**

H. J. Williams Esq., Solicitor

## **Treasurer and Accountant:**

R. K. LACEY Esq., F.I.M.T.A., D.P.A.

## **Engineer and Surveyor:**

J. M. Davies Esq., B.Sc., A.M.I.Mun.E.

## **Architect:**

J. L. Thomas, Esq., L.R.I.B.A., F.R.I.C.S., A.M.I.Mun.E., M.R.S.H.

## **HEALTH DEPARTMENT**

### **Health Committee:**

Chairman - Councillor C. C. Weston

Vice-Chairman - Councillor J. M. Ricketts

### **Medical Officer of Health:**

Dr T. Stephens, M.C., B.Sc., M.R.C.S., L.R.C.P., D.P.H., M.R.S.H.

### **Chief Public Health Inspector:**

A. Stokes Esq., M.R.S.H., M.A.P.H.I.

### **Assistant Public Health Inspectors:**

J. R. Pulsford Esq., C.R.S.H.

G. Beynon Esq., C.R.S.H., M.A.P.H.I.

### **Rodent Officer:**

C. Roberts, Esq.

### **Shops Inspector:**

B. Evans, Esq.

### **Clerical Staff:**

A. E. Foster Esq.

Mrs M. Parton



## EBBW VALE URBAN DISTRICT COUNCIL

Area of district	...	...	...	...	6,869 acres
Population (estimated) mid-1966	...	...	...	...	27,790
Population per acre	...	...	...	...	4.05
Population (estimated) 1961	...	...	...	...	28,380
Population (census) 1961	...	...	...	...	28,627
Rateable value as at 1st April, 1967	...	...	...	...	£1,356,889
Estimated product of ld. rate	...	...	...	...	£5,500
Number of live births	...	...	...	...	486
Birth rate per 1,000 inhabitants, crude	...	...	...	...	17.49
Number of still-births	...	...	...	...	8
Still-birth rate per 1,000 inhabitants	...	...	...	...	0.29
Still-birth rate per 1,000 total (Live and Still) births	...	...	...	...	16.19
Number of deaths	...	...	...	...	347
Death rate per 1,000 inhabitants, crude	...	...	...	...	12.49
Number of infant deaths (under 1 year)	...	...	...	...	12
Infant mortality rate per 1,000 live births	...	...	...	...	24.70
Number of infectious diseases notified	...	...	...	...	102
Infectious diseases—attack rate per 1,000 inhabitants	...	...	...	...	3.67

### Tuberculosis :—

Cases notified	...	...	...	...	3
Attack rate per 1,000 inhabitants	...	...	...	...	0.11
Deaths	...	...	...	...	2
Death rate per 1,000 inhabitants	...	...	...	...	0.07

**ANNUAL REPORT**  
of the  
**MEDICAL OFFICER OF HEALTH**  
to the  
**EBBW VALE URBAN DISTRICT COUNCIL**  
for the year 1966

To the CHAIRMAN and MEMBERS  
of the EBBW VALE URBAN DISTRICT COUNCIL

Mr Chairman, Lady and Gentlemen,

I have the honour to present my report for the year ended 31st December 1966. It is made in accordance with the memorandum of the Ministry of Health.

The area of Ebbw Vale Urban District is 6,869 acres, with an estimated population of 27,790 which is the population given by the Registrar General for calculation purposes. The Census taken in 1961 showed the population to be 28,627.

The number of births, still-births, and deaths assigned to this area are those registered during the year 1966 as adjusted for inward and outward transfers. The returns, as submitted by the Registrar General, will be used for calculations, and it should be noted that these figures do not correspond with those compiled locally. This is particularly so with regard to the registration of births, as records of inward transfers are not included in returns made by the Local Registrar.

**CHEST DISEASES**

The occurrence of bronchitis looms large in public interest. A wet climate, heavy polluted atmosphere, crowded small houses, have in the past been responsible for the incidence. Such environmental conditions have slowly improved except for the first.

The University run bronchitis survey continues.

**HOUSING**

The Authority is aware of the plight of so many young people who are compelled to face the intimacies of early married life in a room or rooms, maybe in the homes of relations. Ugliness and unpleasantness are too often the inevitable sequel. The burden of mortgage is a back breaking alternative. This Council will surely cater for young married couples, when it is possible to do so, as they have already done for the oldest age groups.



## ROAD SAFETY

Good roads are important, safe vehicles are important, but the most important factor of all in the occurrence of road deaths and injuries is the living organism—human (at the wheel and on foot), equine (locally), ovine, canine and feline.

## CARE OF THE SICK AND AGED

Too often the aged face neglect by their families. Loneliness, increasing physical decrepitude and Old Age are usually inseparable. Nature is not kind to the Aging; it behoves the individual and the state to do all they can to help, realising that their maximum aid must always leave the Aged with these insoluble problems.

## VARIOUS RATES 1916 - 1966

TABLE 1

	1916	1926	1936	1946	1956	1966
Crude birth rate per 1,000 inhabitants ...	25.97	22.0	15.85	20.44	15.73	17.49
Still-birth rate per 1,000 total (live and still) births ...	—	—	51.17	29.47	36.72	16.19
Crude death rate per 1,000 inhabitants ...	14.70	8.79	11.87	11.07	11.99	12.40
Infantile mortality rate per 1,000 live births ...	91.84	70.70	61.18	58.25	42.60	24.70

# EBBW VALE URBAN DISTRICT—POPULATION

TABLE 2

Year	Estimated Mid-year Population		Census		
1962	...	28,350	1931	...	31,695
1963	...	28,040			
1964	...	28,100	1951	...	29,220
1965	...	27,910			
1966	...	27,790	1961	...	28,627

## Acreage and Population of Wards—Census 1951, 1961

TABLE 3

WARD	ACREAGE	POPULATION, CENSUS	
		1951	1961
NORTH	1,524	4,923	6,158
BADMINTON	585	4,442	3,775
N. CENTRAL	637	5,032	5,639
CENTRAL	641	4,522	5,028
S. CENTRAL	1,609	4,829	3,600
SOUTH	1,873	5,472	4,427
	6,869	29,220	28,627

## BIRTHS

The total number of births registered locally during 1966 was 544—269 males and 275 females; 6 males and 6 females being illegitimate. Of this number, however, 205 children (91 males and 114 females, including 2 male and 3 female illegitimate births) were born to persons not normally resident within the district, thus leaving a total of 339 'local' births—178 males and 161 females.

The figures returned by the Registrar-General were 241 males (8 illegitimate) and 245 females (8 illegitimate), a total of 486. The difference of 147 between our totals and those of the Registrar's is due to the fact that records of inward transferable births are not received by this Department.

In 1966 the general birth rate per thousand of the population was 17.49 the male rate was 8.67 and the female 8.82, whilst in 1965 these rates were 9.35 and 8.34 respectively. The illegitimate birth rate expressed as a percentage of the total live births was 3.29. In 1965 this figure was 4.85%.

The number of still-births was 8 and the still-birth rate per thousand total (live and still) births was 16.19. In 1965 this figure was 27.55.

IN the following table the number of births and the birth rate per 1,000 of the population for each of the past five years are compared with the figures given for the County of Monmouth and England and Wales. The local rates have been adjusted by use of the given comparability factor for the appropriate year;

Comparability Factor Births - 1.05

TABLE 4

Year	No. of Births	Birth rate per 1,000		
		Ebbw Vale	County of Monmouth	England and Wales
1962	480	17.78	17.99	18.00
1963	507	18.98	19.32	18.20
1964	486	18.15	18.76	18.40
1965	494	18.57	19.05	18.00
1966	486	18.36	17.88	17.70

THE table given below shows the total number of domiciliary and maternity home births registered in the district during the five year period 1962-1966. These figures are obtained from local returns.

TABLE 5

	1966 Born at :		1965 Born at :		1964 Born at :		1963 Born at :		1962 Born at :	
	Home	Rookery Maternity Home	Home	Rookery Maternity Home	Home	Rookery Maternity Home	Home	Rookery Maternity Home	Home	Rookery Maternity Home
Total births regist'd	48	496	76	463	90	449	119	426	144	407
Outward transfers	—	205	3	205	3	198	3	176	5	162
Local	48	291	73	258	87	251	116	250	139	245

## INFANTILE MORTALITY

		1966	1965	1964	1963	1962
Number of deaths (under 1 year)	...	12	13	14	18	8
Number of live births ...	...	486	494	486	507	480
Infant mortality rate per 1,000 live births		24.70	26.32	28.81	35.50	16.67
Legitimate infant deaths per 1,000 legitimate live births	...	25.53	27.65	29.78	37.04	15.08
Illegitimate infants deaths per 1,000 illegitimate live births	...	0.00	0.00	0.00	0.00	62.50
Neo-natal mortality rate (deaths under 4 weeks) per 1,000 live births	...	12.77	12.15	18.48	25.64	12.50
Early neo-natal mortality rate (deaths under 1 week) per 1,000 live births	...	12.77	12.15	18.48	21.70	12.50
Perinatal mortality rate (still-births and deaths under 1 week combined) per 1,000 total live and still births	...	40.49	39.37	47.91	36.89	36.58
Number of still-births	...	8	14	15	8	12
Still-birth rate per 1,000 total live and still-births	...	16.19	27.55	29.94	15.53	24.39
Still-birth rate per 1,000 population	...	0.29	0.50	0.53	0.29	0.42

## COMPARISON RATES, 1966

		Ebbw Vale	Cty. of Monmouth	England and Wales
Infant mortality rate per 1,000 live births	...	24.70	24.99	19.0
Neo-natal mortality rate per 1,000 live births	...	12.77	16.06	12.9
Perinatal mortality rate per 1,000 live and still-births		40.49	33.87	26.3
Still-birth rate per 1,000 total live and still-births		16.19	20.03	15.4

# INFANTILE MORTALITY 1966

Deaths from stated causes at various ages under one year.

TABLE 6

CAUSE OF DEATH	Males	Females	Total und. 1 yr	Under 1 day	1 — 7 days	7 — 14 days	14 — 21 days	21 — 28 days	Total under one month	1 — 3 mths.	3 — 6 mths.	6 — 9 mths.	9 — 12 mths.	Total 1 Mth. and over
1 Tuberculosis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2 Syphilitic disease ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3 Diphtheria ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4 Whooping Cough ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5 Meningococcal infection ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6 Acute poliomyelitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7 Measles ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8 Cancer (malignant disease) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9 Heart disease ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10 Influenza ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11 Pneumonia (all forms) ...	1	1	2	...	...	...	...	...	...	...	1	...	1	2
12 Bronchitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13 Other respiratory diseases ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14 Congenital malformations ...	3	1	4	1	...	...	...	...	1	1	1	1	...	3
15 Gastritis, enteritis and diarrhoea ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16 Accident ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17 Atelectasis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18 Prematurity ...	1	...	1	1	...	...	...	...	1	...	...	...	...	...
19 Erythroblastosis, foetalis or incompatibility of parents' blood group ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20 All other causes ...	4	1	5	1	3	...	...	...	4	...	...	1	...	1
	9	3	12	3	3	...	...	...	6	1	2	2	1	6



**STILL BIRTHS AND  
INFANTILE MORTALITY 1957 - 1966**

**Certain stated causes**

TABLE 7

Cause of death	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	TOTALS
Heart disease ...	—	—	—	1	1	—	2	1	—	—	5
Pneumonia ...	3	—	3	1	3	—	3	3	3	2	21
Accident ...	3	1	3	—	—	1	2	2	—	—	12
Atelectasis ...	1	1	—	2	—	—	2	—	—	—	6
Prematurity ...	4	3	7	1	7	5	5	3	4	1	40
Cong. malformations ...	8	1	2	2	3	—	—	2	1	4	23
Still births ...	23	17	16	13	15	12	8	15	14	8	141



## DEATHS

The return of deaths as received from the Local Registrar and the Registrar General showed the total number of deaths in the Ebbw Vale area during 1966 to be 271, but of this number 40 were persons normally resident elsewhere, i.e. outward transfers. The number of residents who died within the area was, therefore 231—128 males and 103 females. The inward transferable death (local residents who died outside the area) totalled 116—64 males and 52 females; thus the total number of deaths from all causes assigned to this area was 347—192 males and 155 females.

The death rate per 1,000 of the population for the year 1966 was 12.49. The male death rate being 6.91 and the female 5.58. In 1965 the rates were 6.20 and 4.87 respectively.

In the following table the death rates per thousand of the population for the past five years are compared with those for the County of Monmouth, England and Wales. The local rates have been adjusted by use of the comparability factor for the appropriate year; C.F. Deaths—1.22.

TABLE 8

Year	No. of Deaths	Death rate per 1,000		
		Ebbw Vale	County of Monmouth	England and Wales
1962 ...	340	14.75	13.67	11.90
1963 ...	324	11.55	13.67	12.20
1964 ...	317	13.87	13.72	11.30
1965 ...	309	13.51	13.76	11.50
1966 ...	347	15.23	13.59	11.70

# CAUSES OF DEATH

## In the Ebbw Vale Urban District 1966

Reutrns of the Registrar-General

TABLE 9

				Males	Females	Total
1.	Tuberculosis, respiratory	...	...	2	—	2
2.	Tuberculosis, other forms	...	...	—	—	—
3.	Syphilitic disease	...	...	—	—	—
4.	Diphtheria	...	...	—	—	—
5.	Whooping cough	...	...	—	—	—
6.	Meningococcal infections	...	...	—	—	—
7.	Acute poliomyelitis	...	...	—	—	—
8.	Measles	...	...	—	—	—
9.	Other infective and parasitic diseases	...	...	—	—	—
10.	Malignant neoplasm, stomach	...	...	5	3	8
11.	Malignant neoplasm, lung, bronchus	...	...	9	1	10
12.	Malignant neoplasm, breast	...	...	—	2	2
13.	Malignant neoplasm, uterus	...	...	—	4	4
14.	Other malignant and lymphatic neoplasms	...	...	15	12	27
15.	Leukaemia	...	...	3	—	3
16.	Diabetes	...	...	1	—	1
17.	Vascular lesions of nervous system	...	...	18	22	40
18.	Coronary disease, angina	...	...	54	32	86
19.	Hypertension with heart disease	...	...	5	5	10
20.	Other heart disease	...	...	13	23	36
21.	Other circulatory disease	...	...	4	5	9
22.	Influenza	...	...	5	1	6
23.	Pneumonia	...	...	6	12	18
24.	Bronchitis	...	...	21	7	28
25.	Other diseases of the respiratory system	...	...	4	—	4
26.	Ulcer of stomach and duodenum	...	...	2	—	2
27.	Gastritis, enteritis and diarrhoea	...	...	—	3	3
28.	Nephritis and nephrosis	...	...	—	2	2
29.	Hyperplasia of prostate	...	...	5	—	5
30.	Pregnancy, childbirth, abortion	...	...	—	—	—
31.	Congenital malformations	...	...	3	1	4
32.	Other defined and ill-defined diseases	...	...	12	17	29
33.	Motor vehicle accidents	...	...	1	—	1
34.	All other accidents	...	...	2	3	5
35.	Suicide	...	...	1	—	1
36.	Homicide and operations of war	...	...	1	—	1
<b>Totals</b>				192	155	347

**Causes of Death in the Ebbw Vale Urban District 1966**  
**Local Returns (including Inward Transferable Deaths) Age Groups**

TABLE 10

Cause of Death	Males	Females	At all ages	Under 4 weeks	4 wks. to 1 year	1 — 4 years	5 — 14 years	15—24 years	25—34 years	35—44 years	45—54 years	55—64 years	65—74 years	Over 75 years
1. Tuberculosis, respiratory ...	2	...	2	...	...	...	...	...	...	...	...	1	1	...
2. Tuberculosis, other forms ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3. Syphilitic disease ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4. Diphtheria ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5. Whooping Cough ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6. Meningococcal infection ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7. Acute poliomyelitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8. Measles ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9. Other infective and parasitic diseases ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10. Malignant neoplasm, stomach ...	5	3	8	...	...	...	...	...	...	...	1	1	4	2
11. Malignant neoplasm, lung, bronchus ...	9	1	10	...	...	...	...	...	...	1	...	7	1	1
12. Malignant neoplasm, breast ...	...	2	2	...	...	...	...	...	...	...	1	...	1	...
13. Malignant neoplasm, uterus ...	...	4	4	...	...	...	...	...	...	1	1	...	1	1
14. Other malignant and lymphatic neoplasms ...	15	12	27	...	...	...	...	...	...	2	2	6	9	8
15. Leukaemia and aleukaemia ...	3	...	3	...	...	...	...	...	...	...	2	...	1	...
16. Diabetes ...	1	...	1	...	...	...	...	...	...	...	...	...	...	1
17. Vascular lesions of nervous system ...	18	22	40	...	...	...	...	1	...	...	1	9	10	19
18. Coronary disease, angina ...	54	32	86	...	...	...	...	...	...	4	12	29	19	22
19. Hypertension with heart disease ...	5	5	10	...	...	...	...	...	...	...	...	3	4	3
20. Other heart disease ...	13	23	36	...	...	...	...	...	...	3	5	5	4	19
21. Other circulatory disease ...	4	5	9	...	...	...	...	...	...	...	1	1	3	4
22. Influenza ...	5	1	6	...	...	...	...	...	...	...	...	...	...	6
23. Pneumonia ...	6	13	19	...	2	3	...	1	...	...	1	3	...	9
24. Bronchitis ...	21	7	28	...	...	...	...	...	...	1	3	3	12	9
25. Other diseases of respiratory system ...	4	...	4	...	...	...	...	...	...	...	...	2	1	1
26. Ulcer of stomach, duodenum ...	2	...	2	...	...	...	...	...	...	...	...	1	1	...
27. Gastritis, enteritis and diarrhoea ...	...	2	2	...	...	...	...	...	...	...	...	1	...	1
28. Nephritis and nephrosis ...	...	2	2	...	...	...	...	...	...	...	...	...	...	2
29. Hyperplasia of prostate ...	5	...	5	...	...	...	...	...	...	...	...	...	4	1
30. Pregnancy, childbirth, abortion ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31. Congenital malformations ...	3	1	4	1	3	...	...	...	...	...	...	...	...	...
32. Other defined and ill-defined diseases ...	12	17	29	5	...	1	...	...	1	...	2	2	5	13
33. Motor vehicle accidents ...	1	...	1	...	...	...	...	...	...	...	...	...	1	...
34. All other accidents ...	2	3	5	...	...	...	1	...	...	...	1	...	1	2
35. Suicide ...	1	...	1	...	...	...	...	...	...	1	...	...	...	...
36. Homicide and operations of war... ..	1	...	1	...	1	...	...	...	...	...	...	...	...	...
	192	155	347	6	6	4	1	2	1	13	33	74	83	124

# MONTHLY REGISTRATION OF DEATHS 1966. LOCAL RETURNS

TABLE II

Month	Total Registered Deaths		Outward Transfers		Inward Transfers		Total 'Local' Deaths		Total	Quarterly Totals
	M	F	M	F	M	F	M	F		
January	11	17	3	2	5	3	13	18	31	98
February	13	8	2	4	7	4	18	8	26	
March	18	16	2	2	6	5	22	19	41	
April	10	9	2	2	7	4	15	11	26	80
May	13	13	3	2	5	8	15	19	34	
June	9	8	1	1	2	3	10	10	20	
July	20	17	2	4	5	9	23	22	45	90
August	11	7	—	2	3	3	14	8	22	
September	10	6	2	—	8	1	16	7	23	
October	9	6	1	1	3	4	11	9	20	79
November	10	8	—	—	8	3	18	11	29	
December	13	9	1	1	5	5	17	13	30	
	147	124	19	21	64	52	192	155	347	347

The figures for the total 'local' deaths are found by using the formula — 'local' deaths = Total — Outward + Inward Transfers.

DURING the past five years, 1962 to 1966, the number of deaths and death rates per 1,000 of the population, from all forms of cancer, 'lung' cancer, bronchitis, coronary disease and all forms of accidents were as follows:

### **CANCER, ALL SITES.**

TABLE 12

Year	No. of deaths	Death rate	% of total deaths
1962 ...	71	2.50	20.88
1963 ...	57	2.03	17.59
1964 ...	56	1.99	17.66
1965 ...	60	2.15	19.42
1966 ...	51	1.83	14.69
Total 1962-1966	295	2.10 (av.)	18.05 (av.)

### **' LUNG ' CANCER.**

TABLE 13

Year	No. of deaths	Death rate	% of total deaths
1962 ...	20	0.71	5.88
1963 ...	12	0.43	3.70
1964 ...	15	0.53	4.73
1965 ...	18	0.65	5.83
1966 ...	10	0.36	2.88
Total 1962-66	75	0.54 (av.)	4.60 (av.)

### **BRONCHITIS.**

TABLE 14

Year	No. of deaths	Death rate	% of total deaths
1962	26	0.91	7.65
1963 ...	21	0.75	6.48
1964 ...	25	0.89	7.88
1965 ...	23	0.82	7.44
1966 ...	28	1.00	8.07
Total 1962-66	123	0.87 (av.)	7.50 (av.)



## CORONARY DISEASE, ANGINA

TABLE 15

Year	No. of deaths	Death rate	% of total deaths
1962 ...	70	2.48	20.58
1963 ...	76	2.71	23.46
1964 ...	71	2.53	22.39
1965 ...	78	2.79	25.24
1966 ...	86	3.09	24.78
<hr/>			
Total 1962-66	381	2.72 (av.)	23.29 (av.)

THE local death rate from Coronary Disease appears slowly but surely to be rising. Three disturbing aspects are first that it often kills without prior warning; second that it often strikes those at the height of their mental powers; third that the cause is unknown, although many causative factors have been suspected.

## ACCIDENTS, ALL FORMS

TABLE 16

Year	No. of deaths	Death rate	% of total deaths
1962 ...	13	0.46	3.82
1963 ...	9	0.32	2.78
1964 ...	17	0.60	5.36
1965 ...	7	0.25	2.26
1966 ...	6	0.22	1.73
<hr/>			
Total 1962-66	52	0.37	3.19

## COUNTY STATISTICS

THE figures below apply to the County of Monmouth for the year 1966; for the purposes of comparison the local rates are shown.

TABLE 17

	County of Monmouth	Ebbw Vale
Number of live-births ... ..	6,163	486
Live birth-rate per 1,000 population, crude ...	17.53	17.49
Live birth-rate per 1,000 population, adjusted ...	17.88	18.36
Illegitimate live-births per cent, of total live births ...	4.93	3.29
Number of still-births ... ..	126	8
Still-birth rate per 1,000 total live and still births ...	20.03	16.19
Total number of live and still-births ... ..	6,289	494
Total number of infants' deaths (under 1 yr of age) ...	154	12
Infant mortality rate per 1,000 total live births ...	24.99	24.70



Mortality rate of legitimate infants per 1,000 legitimate live births	24.74	25.53
Mortality rate of illegitimate infants per 1,000 illegitimate live-births	29.60	—
Neo-natal mortality rate per 1,000 live births (first four weeks)	16.06	12.77
Early neo-natal mortality rate per 1,000 live births (under 1 week)	14.11	12.77
Perinatal mortality (still-births and deaths of infants under 1 week of age) per 1,000 total live and still births	33.87	40.49
Number of maternal deaths (including abortions)	3	—
Maternal mortality rate per 1,000 live and still births	0.47	—
Still-birth rate per 1,000 population	0.35	0.29
Total death rate per 1,000 population, crude	11.92	12.49
Total death rate per 1,000 population, adjusted	13.59	15.23
Total number of deaths	4,192	347
Estimated Mid-year Home population	351,500	27,790
Comparability Factors, Ebbw Vale : Births—1.05, Deaths—1.22		

## EBBW VALE

### Live Births

	M	F	Total
Total	241	245	486
Legitimate	233	237	470
Illegitimate	8	8	16

### Still Births

Total	4	4	8
Legitimate	4	4	8
Illegitimate	—	—	—

### Deaths of infants under one year of age

Total	9	3	12
Legitimate	9	3	12
Illegitimate	—	—	—

### Deaths of infants under 4 weeks of age

Total	5	1	6
Legitimate	5	1	6
Illegitimate	—	—	—

### Deaths of infants under 1 week of age

Total	5	1	6
Legitimate	5	1	6
Illegitimate	—	—	—

## INFECTIOUS DISEASES

DURING the year 102 cases of infectious diseases were notified, giving an attack rate per thousand of the population of 3.67.

TABLE 18

Year	No. of cases notified	Attack rate per 1,000
1962	133	4.69
1963	110	3.92
1964	761	27.08
1965	328	11.75
1966	102	3.67

## INFECTIOUS DISEASES—MORTALITY

DURING the year there were no deaths, tuberculosis excepted, from any notified case of infectious disease.

In the Table below are shown the cases notified and the case rate per 1,000 of the population for each of the notifiable diseases.

CASES NOTIFIED — TABLE 19

Disease	No, of cases Notified	Attack Rate per 1,000
Dysentery ... ..	1	0.04
Erysipelas ... ..	1	0.04
Food poisoning ... ..	18	0.64
Measles ... ..	59	2.12
Meningococcal infection ... ..	1	0.04
Scarlet Fever ... ..	19	0.68
Tuberculosis, respiratory ... ..	3	0.11
	102	3.67

## DIPHTHERIA IMMUNISATION

No case of Diphtheria was notified in this area during the year.

The number of children immunised against diphtheria during 1966 was 397 of which number 394 were under five years of age. In addition 368 children received booster injections. The protection may be obtained, free of cost, at the Infant Welfare Centres, surgeries of the medical practitioners, and the Health Clinic. It is still difficult, however, to convince some people of the immense value and continuing necessity of the protection afforded by immunisation.

Diphtheria immunisation can be carried out alone, or with whooping cough vaccine, or with tetanus (lock jaw) vaccine, or the three together commonly known as the 'three-in-one', or nowadays as a quadruple vaccine which includes protection against measles.

The following table shows the number of children, in specified age groups, immunised against diphtheria during each of the past five years.

**TABLE 20**

**Diphtheria immunisation carried out during the past five years.**

YEAR	...	...	1966	1965	1964	1963	1962
Children under 5 years	...	...	394	357	343	434	293
5 - 16 years	...	...	3	1	4	28	43
			397	358	347	462	336

### DIPHTHERIA—England and Wales, 1946, 1956, 1966

Year	Notifications				Deaths			
1946	...	...	11,986	(1,028)	...	...	472	(41)
1956	...	...	51	(2)	...	...	8	(—)
1966	...	...	19	(—)	...	...	4	(—)

The figures for 1966 are at this stage provisional. The figures in parenthesis relate to Wales alone.

## SMALLPOX

NO cases of smallpox were notified during the year.

### SMALLPOX VACCINATION

VACCINATION against smallpox is not compulsory but this treatment is given free of cost at infant welfare centres, surgeries of the medical practitioners, and at this Office.

No cases of generalised vaccinia or post-vaccinal encephalomyelitis occurred during the year and there were no deaths from other complications of vaccination. I give below, in specified age groups, the number of persons primarily vaccinated or re-vaccinated during the past twelve months.

Smallpox Vaccinations carried out during the years  
1962 - 1966

TABLE 21

Year	1966	1965	1964	1963	1962
Primary :—					
Under 1 year	2	3	1	1	320
1 - 4 years	56	26	9	2	1,046
5 - 14 years	8	4	—	—	2,867
15 years and over	16	11	1	2	3,746
Re—vaccinations	84	20	10	7	3,905
	166	64	21	12	11,884

## POLIOMYELITIS

NO cases of poliomyelitis were notified during the year. I give below the notifications of this disease received during the past five years.

			1966	1965	1964	1963	1962
Cases notified	...	...	—	—	—	—	19

## POLIOMYELITIS VACCINATION

ADMINISTRATION of oral vaccine started on the 1st June, 1962 and since that date 34,602 vaccinations have been carried out.

The number of vaccinations administered during 1966 was 953.

## DYSENTERY

DURING the year 1 case of dysentery was notified. This case was not confirmed by the Laboratory who examined faecal specimens of the case.

The total number of cases of dysentery notified during the past five years is given below.

			1966	1965	1964	1963	1962
Cases notified	...	...	1	1	7	5	12

## FOOD POISONING

EIGHTEEN cases of food poisoning were notified during 1966. None of these were confirmed by Laboratory examination of faecal specimens.

I give below details of the laboratory examination of faecal specimens submitted in respect of cases of dysentery and food poisoning during the year.

Total faecal specimens	...	...	...	34
Organisms isolated	...	...	...	0
No relevant pathogen isolated	...	...	...	34

No organisms of the salmonella, enteric or dysentery groups were isolated from the samples of food submitted for examination.

	1966	1965	1964	1963	1962
Cases of food poisoning notified	18	18	22	13	53
Cases not confirmed bacteriologically	18	18	20	13	46
Cases confirmed bacteriologically	—	—	2	—	7

## TYPHOID AND PARATYPHOID FEVER

NO cases of typhoid or paratyphoid fever were notified during 1966.



## TUBERCULOSIS

DURING the year three cases of tuberculosis were notified, all respiratory. There were 2 deaths from respiratory tuberculosis.

Each case notified is visited by the Medical Officer of Health and the Health Visitor and a report upon environmental conditions is sent to the Area Chest Physician and the County Medical Officer. The Welfare facilities, e.g. occupational therapy provided by the Local Health Authority and financial assistance provided by the Ministry of Social Security, are brought to the notice of the patients. This Authority, in addition, offers rehousing where necessary.

Arrangements are made for all contacts to be seen at the Chest Clinic for skin tests, X-rays and B.C.G. Vaccination.

Skin testing for tuberculosis in the 'under fives' was carried out in the Child Welfare Clinics and at this office. Certain children of school age were offered the same facility and all positive skin tests were passed to the care of the Chest Physician. Skin test negatives in the age group thirteen years and over were offered B.C.G. Vaccination.

Patients from the area attend the Chest Clinics at Pentwyn House, Ebbw Vale and the General Hospital, Tredegar. The figures in the tables below (supplied by the Area Chest Physician) relate only to those patients seen at the Ebbw Vale Clinic.

TABLE 22

Number of chest cases examined (including home visits) i.e. new cases seen during the year ended 31st December, 1966	...	...	...	271
Number of attendances at the Clinic (including home visits) i.e. new and old cases seen during the year ended 31st December, 1966	...	...	...	709

TABLE 23

	1966	1965	1964	1963	1962
Number of persons examined for the first time at the Ebbw Vale Clinic	271	260	293	199	143
Total number of attendances at the Ebbw Vale Clinic	709	669	718	600	632



# TUBERCULOSIS

I—Summary of Notifications received during the period 1st January to 31st December, 1966

TABLE 24

FORMAL NOTIFICATIONS															
Age periods :		0-	1-	2-	5-	10-	15-	20-	25-	35-	45-	55-	65-	75-	Total
Resp.	Males	...	—	—	—	—	—	—	1	—	1	—	—	—	3
	Females	...	—	—	—	—	—	—	—	—	—	—	—	—	—
Non-resp.	Males	...	—	—	—	—	—	—	—	—	—	—	—	—	—
	Females	...	—	—	—	—	—	—	—	—	—	—	—	—	—
2. New cases of Tuberculosis coming to the knowledge of the Medical Officer of Health during the above-mentioned period, other than by Formal Notification															
Source of information :		0-	1-	2-	5-	10-	15-	20-	25-	35-	45-	55-	65-	75-	Total
Deaths returns from Local Registrar	Resp.	M	—	—	—	—	—	—	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Death returns from Registrar-General (transferable) deaths	Non-resp.	M	—	—	—	—	—	—	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Posthumous Notifications	Resp.	M	—	—	—	—	—	—	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Non-resp.	M	—	—	—	—	—	—	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Deaths from Tuberculosis, 1965—Age Groups															
Age Groups :		0-	1-	2-	5-	10-	15-	20-	25-	35-	45-	55-	65-	75-	Total
Resp.	Males	...	—	—	—	—	—	—	—	—	—	1	1	—	2
	Females	...	—	—	—	—	—	—	—	—	—	—	—	—	—
Non-resp.	Males	...	—	—	—	—	—	—	—	—	—	—	—	—	—
	Females	...	—	—	—	—	—	—	—	—	—	—	—	—	—

## CASES NOTIFIED AND DEATHS FROM TUBERCULOSIS 1916 - 1966

TABLE 25

Year	Cases notified	Attack rate per 1,000	Deaths	Death rate per 1,000
1916	156	4.59	33	0.97
1926	73	1.99	21	0.57
1936	46	1.53	19	0.63
1946	45	1.54	20	0.68
1956	28	0.99	2	0.07
1966	3	0.11	2	0.07

### PUBLIC HEALTH ACT, 1936 s. 172

NO action was taken under this Section which deals with the removal to Hospital by means of application to a Court of Summary Jurisdiction by the Local Authority, of infectious persons suffering from tuberculosis of the respiratory tract.

### PUBLIC HEALTH (Prevention of Tuberculosis) REGULATIONS

NO action was taken under these Regulations in respect of persons, suffering from Tuberculosis, employed in the milk trade.

## ADMISSIONS TO SANATORIA 1966

TABLE 26

SANATORIUM	Cases Admitted	Transfers from other Sanatoria	Cases Discharged
South Wales Sanatorium, Talgarth	5	—	7

## NOTIFIABLE DISEASES

### Cases admitted to Isolation Hospitals, 1966

OF the 102 cases of infectious diseases notified during the year, tuberculosis excepted, five were admitted to Isolation Hospital—2 measles, 2 suspected food poisoning and 1 meningococcal meningitis.

## INFECTIOUS DISEASES

### Analysis of Total Cases Notified during 1966—by age

TABLE 27

DISEASE	Males	Females	At all ages	Under 1 year	1—2 years	2—3 years	3—4 years	4—5 years	5—10 years	10—15 years	15—20 years	20—25 years	25—35 years	35—45 years	45—65 years	Over 65 years	Cases removed to Hospital
Dysentery *	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—
Erysipelas	—	1	1	—	—	—	—	—	—	—	—	—	—	—	1	—	—
Food Poisoning *	12	6	18	3	4	3	—	—	3	—	—	—	2	3	—	—	2
Measles	27	32	59	3	4	11	9	6	23	3	—	—	—	—	—	—	2
Scarlet Fever	8	11	19	—	—	—	1	4	13	1	—	1	—	—	2	—	—
Tuberculosis, respiratory *	3	—	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Meningococcal Infection *	—	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	1
	50	52	102	7	8	14	10	10	39	4	—	1	2	3	3	1	5

\* The appropriate organisms were not found by the Pathological Laboratory in specimens submitted by this Authority or by the Hospital

# INFECTIOUS DISEASES

## Ward Distribution

TABLE 28

DISEASE			Wards						
			North	Badminton	N. Central	Central	S. Central	South	TOTAL
Dysentery	...	...	—	—	1	—	—	—	1
Erysipelas	...	...	1	—	—	—	—	—	1
Food poisoning	...	...	13	1	1	3	—	—	18
Measles	...	...	29	11	8	2	5	4	59
Scarlet Fever	...	...	13	3	2	—	1	—	19
Tuberculosis	...	...	2	—	1	—	—	—	3
Meningococcal Infection	...		—	—	—	—	—	1	1
			58	15	13	5	6	5	102

## **MONMOUTHSHIRE COUNTY COUNCIL SERVICES**

At the Health Clinic, Civic Centre, the following services are provided:

- |                          |                   |
|--------------------------|-------------------|
| (a) Ante-natal           | (h) Mental health |
| (b) Child Welfare        | (i) Mothercraft   |
| (c) Chiropody            | (j) Orthopaedic   |
| (d) Dental               | (k) Post-natal    |
| (e) Ear, nose and throat | (l) Refraction    |
| (f) Health Visitors      | (m) School health |
| (g) Home help            | (n) Speech        |

In addition the related services are run in the area

- |                        |                               |
|------------------------|-------------------------------|
| (1) Ambulance Services | (3) Medical appliances scheme |
| (2) Home nursing       | (4) Midwifery                 |

## **HOSPITALS**

Hospital	Services
Ebbw Vale Hospital	General
The Rookery	Maternity
St. James, Tredegar	General and Maternity
Nevill Hall, Abergavenny	General
Pen-y-Val, Abergavenny	Mental Health
Maindiff Court, Abergavenny	Mental Health
Nantyglo and Blaina	Ear, Nose and Throat
Merthyr	Paediatric
Allt-yr-Yn, Newport	Infectious diseases

## **LABORATORY SERVICES**

THE Public Health Laboratory Service is directed by the Medical Research Council for the Ministry of Health. Samples including milk, water and ice-cream and faecal specimens are sent for bacteriological and pathological examination to the Public Health Laboratory at Clytha Square, Newport. The chemical examination of water and the estimation of atmospheric pollution from the deposit gauges are made by the Public Analyst in a private capacity.

## **NATIONAL ASSISTANCE ACT, 1948 s. 47**

No action was taken by the Council under s. 47 of the above Act, which provides for the removal to suitable premises of persons who:

- (a) are suffering from grave chronic disease, or, being aged, or physically incapacitated, are living in insanitary conditions, and
- (b) are unable to devote to themselves, and are not receiving from other persons, proper care and attention.



## **PUBLIC CLEANSING**

DURING the year public cleansing was maintained at the usual standard. In some areas collection was daily in others twice weekly. Equipment in use was two rear loading compression vehicles, two side-load Karriers, one dual tip vehicle, one mechanical gully cleanser, one mechanical sweeper and a Chaseside Loader.

## **CONCLUSION**

THE Staff of the Public Health Department have carried out their work conscientiously, Officers and Staff of other Departments have been helpful and Council Members have shown their usual keen interest.

Mr A. Foster, Chief Clerk in the Department carried out all the calculations in this report and Mrs Parton the heavy work of typing.

I would like to thank all the above-mentioned for their contributions to the smooth working of this Department.

THOMAS STEPHENS,

Medical Officer of Health



**REPORT**  
**of the**  
**CHIEF PUBLIC HEALTH INSPECTOR**  
**for the year ending 31st December, 1966**

Estimated population	...	...	...	27,7900
Cases of infectious disease notified	...	...	...	102
Number of new cases of tuberculosis	...	...	...	3
Number of new houses erected during the year:—				
(i) By Local Authorities	...	...	...	165
(ii) By other persons	...	...	...	20
Number of houses demolished	...	...	...	59

## HOUSING

DURING the year 165 units of accommodation were completed, a considerable improvement on previous years.

It is anticipated that the three remaining contracts outstanding at the end of the year, Rassau Phase III, Frost Road and Briery Hill will be completed during 1967.

During the year 198 new applications were received for Council Accommodation.

## SLUM CLEARANCE PROGRAMME

AS a result of improvement in the housing progress a total of 94 families were rehoused during 1966 from properties in the slum clearance programme.

No new clearance areas were confirmed during the year but the Ministry Inquiry into Areas Nos. 3 & 4 in Newtown was held in September.

The total number of houses dealt with under slum clearance is shown below:—

Number of houses in clearance areas	...	...	...	240
Demolition or Closing Orders	...	...	...	576
Undertakings accepted	...	...	...	21
				<hr/>
				837
				<hr/>

## HOUSING FINANCIAL PROVISIONS ACT, 1958

FULL advantage is taken of the above Act and during 1966 the following loans and grants were made:

### Improvement Grants

(a) Number of Standard Improvement Grants	...	...	9
(b) Number of other Improvement Grants	...	...	96
(c) Amount of Standard Improvement Grants	...	...	£1,536
(d) Amount of other Improvement Grants	...	...	£16,636

### Improvement Loans

(a) Number of Improvement Loans	...	...	...	69
(b) Amount of Improvement Grants	...	...	...	£16,770

By using to the full the powers granted to them under the Housing Acts the Local Authority have improved the housing standards of the district considerably and we look forward to the day when slum clearance and housing programmes are completed. I am grateful to the Treasurer & Accountant for these figures.

Number of separate dwellings owned by the Local Authority on 31st December, 1966

				Number
Pre-war dwellings	...	...	...	660
Post-war dwellings	...	...	...	2,111
Miscellaneous dwellings	...	...	...	58
Shops	...	...	...	21
				<hr/> 2,850 <hr/>

Number of separate dwellings completed during the year

		1966	1965	1964	1963	1962
(i) By Local Authority	...	165	31	60	144	43
(ii) By other persons	...	20	33	24	26	36
		<hr/> 185 <hr/>	<hr/> 64 <hr/>	<hr/> 84 <hr/>	<hr/> 170 <hr/>	<hr/> 79 <hr/>

## 1—UNFIT DWELLING HOUSES

### A. Inspection of dwelling houses during the year

1 (a) Total number of dwelling houses inspected for housing defects under the Public Health or Housing Acts	...	...	206
(b) Number of inspections made for the purpose	...	...	410

2	(a) Number of dwelling houses (including in sub-head 1 above) which were inspected and recorded under the Housing Consolidated Regulations 1925 and 1932	...	...	...	59
	(b) Number of inspections made for the purpose	...	...	...	130
3	Number of dwelling houses found to be in a state of danger or injurious to health as to be unfit for human habitation	...	...	...	32
4	Number of dwelling houses (exclusive to those referred to under preceding sub-head) found not to be in all respects reasonably fit for human habitation	...	...	...	94

## **B. Remedy of Defects without service of Formal Notices**

Number of dwelling houses rendered fit in respect of informal action by the Local Authority	...	...	...	76
---	-----	-----	-----	----

## **2—ACTION UNDER STATUTORY POWERS DURING THE YEAR**

### **A. Proceeds under Sections 9 & 10 of the Housing Act, 1957**

1	Number of dwelling houses in respect of which notices were served required repairs	...	...	...	NIL
2	Number of dwelling houses which were rendered fit after service of formal notices:—				
	(i) By the Owners	...	...	...	NIL
	(ii) By the Local Authority in default	...	...	...	NIL

### **B. Proceedings under Sections 16 & 23 of the Housing Act, 1957**

1	Number of houses in respect of which demolition orders were made	...	...	...	NIL
2	Number of houses demolished in pursuance of demolition orders				59

### **C. Proceedings under Section 42 of the Housing Act, 1957**

1	Number of Clearance Orders confirmed during the year	...	...	NIL
2	Number of houses included in Clearance Orders	...	...	NIL
3	Number of Compulsory Purchase Orders confirmed	...	...	NIL
4	Number of houses included in Compulsory Purchase Orders	...	...	NIL

### **D. Proceedings under Section 10 of the Local Government Miscellaneous Provisions Act, 1963, or under Section 18 of the Housing Act**

1	Number of Closing Orders made in respect of separate tenement of underground rooms	...	...	...	NIL
2	Number of premises closed under the Local Government Miscellaneous Provisions Act	...	...	...	NIL

3	Number of Closing Orders determined where premises have been made fit	...	...	...	...	...	NIL
---	---	-----	-----	-----	-----	-----	-----

#### **E. Proceedings under Section 39 of the Public Health Act, 1936**

1	Number of dwelling houses in respect of which notices were served requiring defects to be remedied	...	...	...	...	3
2	Number of dwelling houses in which defects were remedied after Formal Notices:—					
	(1) By owners					
	(a) Before Legal Proceedings	...	...	...	...	2
	(b) After Legal Proceedings	...	...	...	...	NIL
	(ii) By the Local Authority in default	...	...	...	...	1

#### **F. Proceedings under Section 45 of the Public Health Act, 1936**

1	Number of dwelling houses in respect of which notices were served	...	...	...	...	...	NIL
---	---	-----	-----	-----	-----	-----	-----

#### **G. Proceedings under Section 93 of the Public Health Act, 1936**

1	Number of dwelling houses in respect of which notices were served requiring defects to be remedied	...	...	...	...	13
	(i) By Owners					
	(a) Before legal proceedings	...	...	...	...	6
	(ii) By the Local Authority in default	...	...	...	...	NIL

#### **H. Proceedings under Section 24 of the Public Health Act, 1936**

Number of notices served	...	...	...	...	...	NIL
--------------------------	-----	-----	-----	-----	-----	-----

#### **I. Proceedings under Section 268 of the Public Health Act, 1936**

Number of notices served in respect of moveable dwellings	...	...	...	...	NIL
---	-----	-----	-----	-----	-----

#### **J. Proceedings under the Rent Act, 1957**

1	Number of applications for Certificates of Disrepair	...	...	...	NIL
2	Number of undertakings received	...	...	...	NIL
3	Number of Certificates of Disrepair issued	...	...	...	NIL

### **3—HOUSING ACT, 1957. PART IV OVERCROWDING**

1	(a) Number of dwellings overcrowded at end of the year	...	...	...	NIL
	(b) Number of families dwelling therein	...	...	...	NIL
	(c) Number of families dwelling therein	...	...	...	NIL
2	Number of new cases of overcrowding reported during the year	...	...	...	NIL



3	Number of cases of overcrowding relieved during the year	...	3
	Number of persons concerned in such cases	...	35
4	Particulars of cases in which dwelling houses have become overcrowded after the Local Authority have taken steps to abate overcrowding	... ..	NIL

### Summary of Inspections carried out during the Year under the Public Health Act, 1936

Sanitary accommodation, Cinemas, etc.	...	4
Drainage works	... ..	193
Public conveniences	... ..	96
Piggeries, etc.	... ..	20
Waterworks	... ..	12
Nuisances	... ..	388
Refuse disposal	... ..	24
Vermin	... ..	18
Offensive trades	... ..	12
Infectious diseases	... ..	57
Rats and Mice infestation	... ..	1,935
Miscellaneous	... ..	126

### ERADICATION OF VERMIN

DURING the year 18 properties were treated for the eradication of vermin. The method employed in carrying out this work was the use of D.D.T. smoke.

Satisfactory results were obtained in each case.

Dwelling houses treated:

Private houses	...	6
Council houses	...	12

### PREVENTION OF DAMAGE BY PESTS ACT, 1949

		TYPE OF PROPERTY	
		Non-	
PROPERTIES OTHER THAN SEWERS		Agricultural	Agricultural
1	Number of properties in district	8,390	7
2 (a)	Total number of properties (including nearby premises) inspected following notification	230	7
(b)	Number infested by (i) Rats	138	1
	(ii) Mice	82	3
3 (a)	Total number of properties inspected for rats and/or mice for reasons other than notification	408	—
(b)	Number infested by (i) Rats	167	—
	(ii) Mice	210	—

The above table gives details of the work carried out during the 12 months,



1st January to 31st December, 1966, regarding infestation in various properties throughout the area.

The more heavily infested parts of the sewers were also treated on two occasions during the year and a total of 586 manholes were dealt with. The poison used for both sewer and surface infestations was Warfarin.

### **SLAUGHTERHOUSE ACT, 1958**

THERE are no licensed slaughterhouses in this area.

### **FOOD AND DRUGS ACT, 1955**

**and**

### **FOOD HYGIENE REGULATIONS, 1955**

ALL food premises and canteens in this area were visited regularly and a high standard of cleanliness was generally maintained.

Three notices were served under the above regulations; all were abated by the owners.

Sampling in the area is carried out under the Food and Drugs Act by Officers of the Monmouthshire County Council. During the year the following samples were taken:

Milk—51; Other foods—43; Ice-cream—1; Total 95

The Public Analyst certified all samples to be genuine.

I am indebted to the Chief Inspector, Weights and Measures, for this information.

Details of inspections made during 1966 are given below.

<b>Premises</b>			<b>No. in Area</b>	<b>No. of Visits</b>
Greengrocers	...	...	23	68
Bakehouses	...	...	1	4
Butchers	...	...	26	104
Canteens	...	...	10	120
Fresh Fish Shops	...	...	1	12
Fried Fish Shops	...	...	8	96
Grocers	...	...	70	208
Market (Indoor)	...	...	1	2
Pie and Sausage Factory	...	...	1	12
Restaurants, Cafes	...	...	10	120
Tripe Factory	...	...	1	12

The number of premises registered under s. 16 (lb.) of the Food and Drugs Act 1955 are 53 and a total of 196 visits were made to inspect the premises.

Premises registered under Section 16 (a) are shown under the heading Ice-cream (Heat-Treatment) Regulations, 1947.

Given below is a summary of the foodstuffs condemned during the year.

Food Condemned				Amount
Meat, lbs.	...	...	...	389
Meat, tins	...	...	...	122
Cooked ham, lbs.	...	...	...	132
Bacon, lbs.	...	...	...	24
Meat, packets	...	...	...	150
Fish, tins ...	...	...	...	8
Cheese, lbs.	...	...	...	19
Fish, packets	...	...	...	159
Cheese, packets	...	...	...	8
Vegetables, tins	...	...	...	10
Vegetables, packets	...	...	...	108
Tomatoes, tins	...	...	...	35
Fruit, tins	...	...	...	54
Dried fruit, packets	...	...	...	50
Confectionery, packets	...	...	...	8
Canned drinks	...	...	...	36
Chocolate ices, boxes	...	...	...	8
Ice Cream Blocks	...	...	...	20

All condemned foods not returned through the wholesalers are disposed of at the Local Authority's refuse tip.

## FOOD AND DRUGS ACT, 1955

### ICE-CREAM (HEAT-TREATMENT) REGULATIONS, 1947

A TOTAL of 270 visits were made to premises involved in the manufacture, storage and sale of ice-cream. A high standard of cleanliness was maintained at each of the premises visited.

The following table shows the premises registered, the number of visits made and the results of the bacteriological examination of samples of ice-cream.

Premises registered for:—

Sale, manufacture and storage	...	9	Visits made	...	108
Sale only	...	122	Visits made	...	162

Results:—

Grade 1	...	21
Grade 2	...	5
Grade 3	...	2
Grade 4	...	2
		—
		30

## MILK AND DARIES REGULATIONS, 1949-54

### MILK (Special Designation) REGULATIONS, 1949-54

### MILK (Special Designation) SPECIFIED AREA ORDER, 1954

AS THIS area is a designated area under the Milk (Special Designation) Specified Area Order, 1954, only bottled, pasteurised or heat-treated milk is sold in this area.

During the year 54 samples of milk were submitted for bacteriological examination and all were found to be satisfactory.

Number of dairies registered	...	...	16
Number of inspections made	...	...	48

## LICENSED PREMISES

ALL licensed premises in the district were inspected regularly and in most cases the standard of cleanliness was found to be good.

Three notices were served requiring certain defects to be remedied and in each case the work was carried out.

The number of licensed premises in the district is given below:

Public Houses	...	28
Licensed Clubs	...	20

## OFFICES, SHOPS and RAILWAY PREMISES ACT, 1963

GIVEN below is information on the work carried out by this Department, under the above Act, during 1966.

The information is taken from a report submitted to the Ministry of Labour for the year ended 31st December, 1966.

CLASS OF PREMISES	Number premises registered during year	Total No. registered premises at end of year	Number registered premises receiving general inspection during year	Number persons employed
Offices ... ..	—	63	63	358
Retail shops ...	7	188	188	744
Wholesale shops, Warehouses ...	—	1	1	26
Catering establishments open to the public, canteens. ... ..	—	36	36	148
Fuel storage depots ...	—	1	1	3
<b>TOTALS</b>	<b>7</b>	<b>289</b>	<b>289</b>	<b>1279</b>

Total number of visits of all kinds by inspectors to registered premises ... 1750

Total number of persons employed ... 1,279—447 males, 832 females

## FACTORIES ACT, 1961

ALL factories in the area were inspected regularly and in most cases conditions were found to be satisfactory. On occasions where it was found necessary to ask for improvements the work was immediately carried out.

Details of work carried out are shown in the following tables.

## FACTORIES ACT, 1961

### Prescribed particulars on the administration of the Factories Act, 1961

#### 1 INSPECTIONS for the purpose of provisions as to health.

Premises	Number on register (a)	Inspections (b)	No. of Written Notices (c)	Occupiers Prosecuted (d)
(i) Factories in which Sections 1, 2, 3, 4, 6 are enforced by Local Authorities ...	3	12	—	—
(ii) Factories not includ- ed in (i) in which s.7 is enforced by the Local Authority ...	48	90	—	—
(iii) Other premises in which s.7 is enforced by the Local Authority (exclud- ing outworkers' premises)	—	—	—	—
<b>TOTAL</b>	51	102	—	—



## 2 CASES IN WHICH DEFECTS WERE FOUND

PARTICULARS	Number of cases in which defects were found				Number of cases in which procecut-ions were instuted
	Found	Remedied	Referred:		
			To H.M. Inspector	By H.M. Inspector	
Want of cleanliness (s.1.)	—	—	—	—	—
Overcrowding (s.2)	—	—	—	—	—
Unreasonable temperature (s.3)	—	—	—	—	—
Inadequate ventilation (s.4)	—	—	—	—	—
Ineffective drainage of floors (s.6)	—	—	—	—	—
Sanitary conveniences (s.7)					
(a) Insufficient	—	—	—	—	—
(b) Unsuitable or defective	1	1	—	—	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to outwork)	—	—	—	—	—

## PART VIII of the ACT—OUTWORK

### (Sections 110 and 111)

THERE is only one registered outworker in this district.

## CARAVAN SITES

THERE are two licensed caravan sites in the area; a private site licensed for five caravans and the other belonging to the Local Authority. This site contains hard stands for ten caravans, each caravan having a separate water point and drainage. A block of ten water closets and one bath-house has also been erected for their use.

## BRONCHITIS SURVEY

FOUR volumetric instruments have been sited throughout the area by the Welsh National School of Medicine. Daily readings are taken from these instruments by the Health Inspectors and submitted to the Warren Springs Laboratory for analysis.

## ATMOSPHERIC POLLUTION

IN A densely populated industrial area such as Ebbw Vale, air pollution is perforce a major problem. Much has been done to alleviate this in recent years and the installation of precipitators etc. have led to a reduction in air pollution figures, but further problems will have to be solved before pollution reaches a satisfactory level.

I give below the monthly atmospheric pollution results for 1966.

Gauge No. ...			Monthly Deposit—tons per sq. mile—Undissolved matter				
			D.2449	D.5445	D.4322	D.5105	D.5402
Sited at ...			Upper Carno Reservoir	Co-op Stores Bethcar St. Ebbw Vale	Apprentice School Victoria	Pit-head baths Waunlwyd	Co-op Stores Canning St Cwm
JANUARY	...	...	2.20	14.72	55.75	36.10	*
FEBRUARY	...	...	3.37	8.19	31.80	28.02	6.81
MARCH	...	...	0.63	*	22.98	28.16	8.25
APRIL	...	...	1.10	*	29.80	31.73	10.47
MAY	...	...	1.83	19.41	31.05	24.69	11.77
JUNE	...	...	3.90	16.66	43.76	55.18	9.34
JULY	...	...	1.07	7.92	43.59	54.59	11.16
AUGUST	...	...	1.87	15.47	49.00	31.66	8.14
SEPTEMBER	...	...	8.14	11.59	44.84	18.14	4.72
OCTOBER	...	...	5.50	36.51	87.48	gauge overturned	11.43
NOVEMBER	...	...	2.83	12.95	83.63	55.70	51.30
DECEMBER	...	...	1.90	21.52	52.85	23.30	9.41

\* No result obtained

# Estimation of Sulphur by the Lead Peroxide Method

## SUMMARY OF RESULTS, 1966

Amount collected by 100 sq. cms. of Lead Peroxide (m. gms.)						
Site of Apparatus :	January	February	March	April	May	June
<b>PARK ROAD</b>	2.19	2.00	0.16	1.29	1.89	0.21
	July	August	September	October	November	December
<b>GARDEN CITY</b>						
<b>EBBW VALE</b>	0.26	No Result	0.51	0.75	0.49	0.50

### RAINFALL

Month	Inches	No. of days
JANUARY	6.47	20
FEBRUARY	10.62	22
MARCH	4.38	15
APRIL	7.43	21
MAY	5.15	19
JUNE	4.79	19
JULY	2.85	16
AUGUST	5.02	17
SEPTEMBER	3.55	10
OCTOBER	6.95	19
NOVEMBER	6.00	17
DECEMBER	11.92	25
	75.13	220

## WATER SUPPLY

THE water supply for the area is derived from two reservoirs, Upper and Lower Carno, on the Llangynidr Moors, and these are supplemented by two electrical pumping stations on the Claisfer Stream in an adjoining valley. Both reservoirs are equipped with a set of roughing filters together with a number of open filter beds. After passing through these filters the water is chlorinated.

The water is conveyed to the town and to the Blaina Urban District by means of cast iron gravitated mains. The supply is, on the whole, adequate and satisfactory but shortages do occur during periods of excessive drought. Restrictions on supply then have to be imposed.

Routine tests of the water are carried out by the waterworks personnel and the staff of the Surveyor's Department. These include daily chlorine tests and monthly pH and silica tests. Details of all samples taken by the Health Department and submitted for bacteriological examination by the Public Health Laboratory are given below. The results are found to be very satisfactory. A total of 74 samples were submitted by this Department during the year.

Number of premises supplied from public water mains:—

(i) Direct to the premises	...	...	8,402
(ii) By means of standpipes	...	...	NIL

Estimated number of persons supplied with water	...	...	41,000
Average daily consumption	...	...	2,050,000 gallons

Number of dwelling premises not supplied from public mains	...	8
--	-----	---

## WATER CONSUMPTION

Year	1962	1963	1964	1965	1966
1. Domestic Supply	499,549,000	569,124,000	505,700,000	543,931,000	612,626,000
2. Blaina U.D.C.	177,765,000	187,829,000	189,211,000	202,283,000	78,249,000
3. Trade (Ebbw V.)	80,000,000	83,125,000	69,841,000	88,053,000	189,061,000
TOTALS	757,314,000	840,078,000	764,752,000	834,267,000	879,936,000

## WATER SAMPLES

	RESERVOIRS		SPRINGS, &c.		TOTAL
	Satis- factory	Unsatis- factory	Satis- factory	Unsatis- factory	
Bacteriological examination of :					
(i) Raw water	3	18	—	—	21
(ii) Treated water	51	2	—	—	53
Chemical examination of :					
(i) Raw water	2	—	—	—	2
(ii) Treated water	2	—	—	—	2
	58	20	—	—	78

## RESERVOIR—CAPACITY

	Upper Carno	Lower Carno
Maximum capacity, gallons	... 68,000,000	176,000,000
Average storage capacity held	... 59,000,000	160,000,000
Claisfer—Maximum output of pumping station:—	1,500,000 gallons per day	

## SWIMMING BATHS

THE indoor swimming baths continued to be well used throughout the year by the general public and Education Authorities. The total attendance figure for 1966 was 175,109.

The bath measures 110 feet x 42 feet with a varying depth from 3 feet to 12 feet 6 inches. There are 47 changing cubicles for men and 25 for women with a total capacity of 800 baskets.

The bath is fitted with two horizontal high pressure filters and a chlorination plant. Space and water heating is carried out by oil fired boilers.



During the year 23 samples of water were taken from the pool for bacteriological examination and all were found to be satisfactory.

## **DRAINAGE AND SEWERAGE**

THE properties in the area that are still not connected to the sewer system are so far from the system that conversion is quite impracticable.

The area is served by the Western Valley trunk sewer draining to the river Ebbw. This system has proved satisfactory.

## **CONCLUSION**

I WOULD like to express my satisfaction and appreciation for the manner in which the Staff of this Department have carried out their duties during the past twelve months.

A. STOKES,

Chief Public Health Inspector







